

Name: _____

at1110paper__practice__test (v9)

1. Expand the following expression into standard form.

$$(9x + 4)(7x + 5)$$

2. Solve the equation.

$$(5x + 4)(9x - 2) = 0$$

3. Expand the following expression into standard form.

$$(6x + 7)(6x - 7)$$

4. Expand the following expression into standard form.

$$(4x - 7)^2$$

5. Factor the expression.

$$x^2 - 16x + 63$$

6. Factor the expression.

$$16x^2 - 9$$

7. Solve the equation with factoring by grouping.

$$12x^2 + 18x - 10x - 15 = 0$$

8. Solve the equation.

$$9x^2 - 45x + 18 = 4x^2 - 3x + 2$$